

D4

⑩ 日本国特許庁(JP)

⑪ 実用新案出願公開

⑫ 公開実用新案公報(U)

平3-88783

⑬ Int. Cl.⁸

B 43 K 1/12

識別記号

庁内整理番号

A

6863-2C

⑭ 公開 平成3年(1991)9月10日

審査請求 未請求 請求項の数 1 (全1頁)

⑮ 考案の名称 筆 穂

⑯ 実 願 平1-152381

⑰ 出 願 平1(1989)12月27日

⑱ 考 案 者 大 橋 京 弥 茨城県新治郡玉里村上玉里27-1 ベンテる株式会社茨城工場内

⑲ 出 願 人 ベンテる株式会社 東京都中央区日本橋小網町7番2号

⑳ 実用新案登録請求の範囲

先端をテーパ化した合成樹脂製筆毛よりなる筆穂であつて、ストレートな大径の筆毛と、クリンプを有する中径の筆毛と、この中径の筆毛のクリンプより高さの低いクリンプを有する小径の筆毛との混毛体より構成されている筆穂。

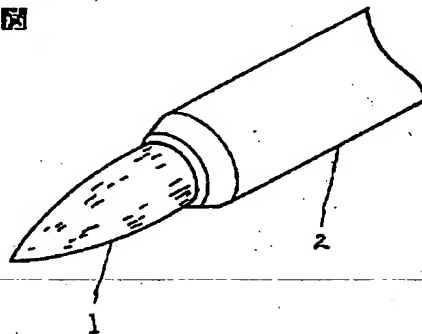
図面の簡単な説明

図面は本考案の一実施例を示すものであつて、

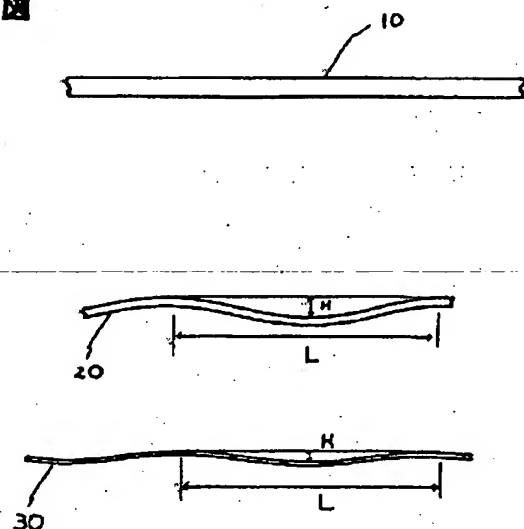
第1図は筆穂を装着した筆の先端斜視図であり、第2図は筆穂の構成要素である筆毛のテーパ加工されていない部分の要部平面図である。

1……筆穂、2……輪筒、10、20、30……筆毛、L……筆毛のクリンプの長さ、H……筆毛のクリンプの高さ。

第 1 図



第 2 図



Reference D4

Japanese Utility Model Kokai No. 03-88783

Laid-opening date: 10 September 1991

Application No.: 01-152381

Filing date: 27 December 1989

Applicant: PENTEL KK, Tokyo

Title: Tip of hair pencil

Claim:

A tip 1 of a hair pencil composed of hairs 10, 20, 30 made of a synthetic resin and being tapered at their ends, characterized in that said tip 1 is configured by a blended hair body consisting of straight hair of large diameter, crimped hair of medium diameter, and hair of small diameter having crimps lower height than the crimps of the medium diameter hair.

INDUSTRIAL FIELD OF THE INVENTION

This invention relates to a tip such as of writing brush and hair pencil for calligraphy.

EMBODIMENT

Fig. 1 and Fig. 2 show one embodiment of the present invention. The reference numeral 1 designates a tip of 5.2cm long and 10.4mm thick, and 2 a shaft cylinder.

In the tip 1, its rear end prevents the hair from escape by a suitable fixing means such as melt deposition, joint adhesion or winding with thread, and the tip 1 is inserted into and secured to the front end of the shaft cylinder 2.

References 10, 20 and 30 are writing hairs made of nyloy 6, 12 constituting the tip. The writing hair 10 is composed of straight fibers of 0.2mm diameter, the writing hair 20 is composed of fibers having crimps of 0.1mm diameter, and the writing hair 30 is composed of fibers of 0.07mm diameter and having crimps lower in height than the crimps of said writing hair 20, and their using

ratio is such that the hair 10 is 30% by weight, the hair 20 is 30% by weight and the hair 30 is 40% by weight.

Brief Description of the Drawings:

Fig. 1 is a perspective view of the end of the hair pencil mounted with the tip; and

Fig. 2 is plan views showing the essential parts of the hair to be the constitutional element of the tip, which is not taper processed.

In the drawings:

1...Writing tip

2...Shaft cylinder

10, 20, 30...Writing hairs

L...Length of crimps of writing hair

H...Height of crimps of writing hair